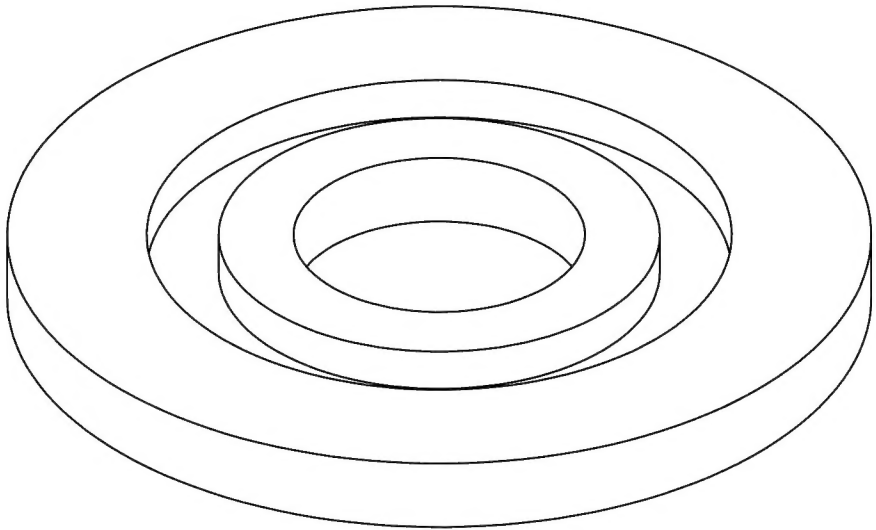


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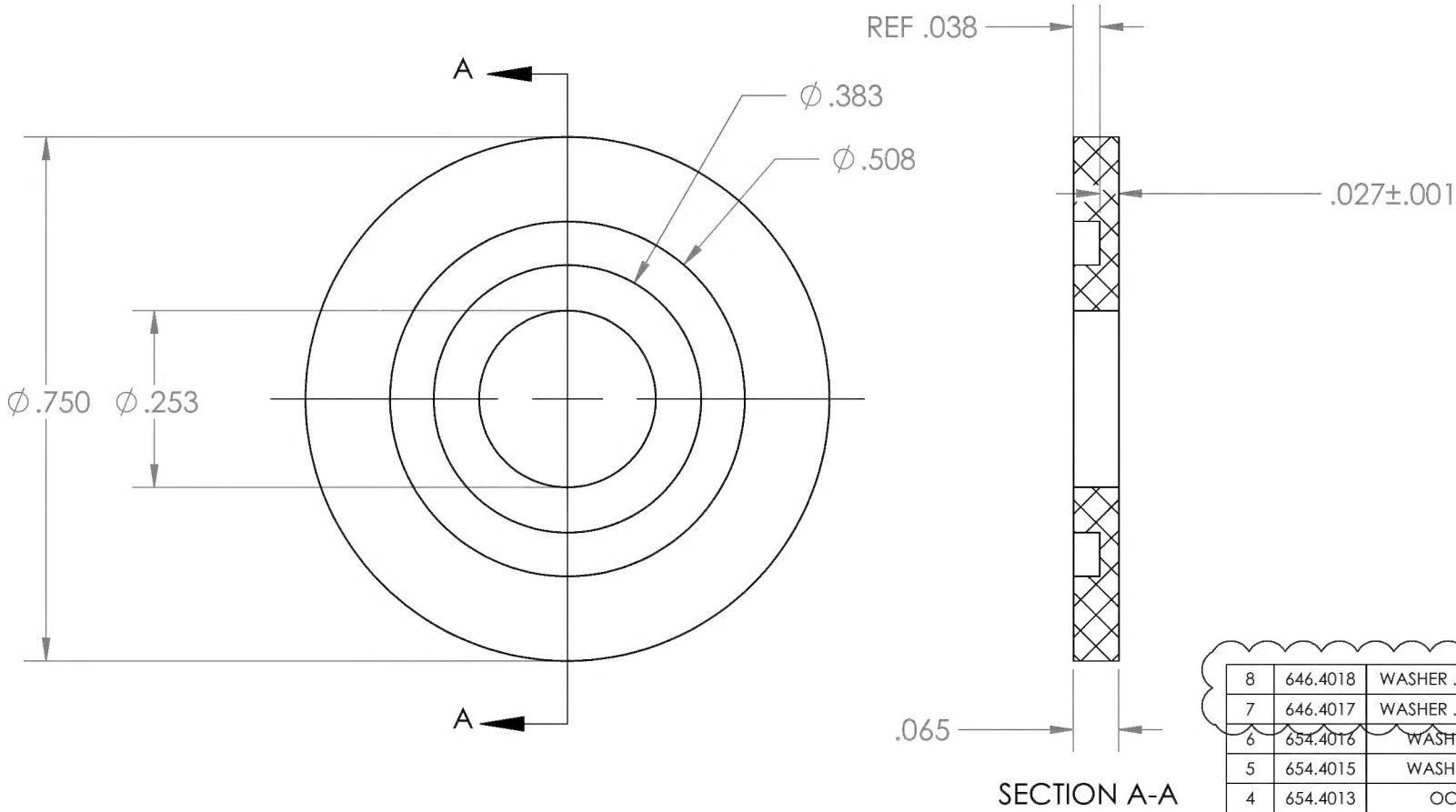
NOTES:

1. MATERIAL: POM-C BAR STOCK, ASTM D6778POM 0211 (BLACK)
2. MATERIAL: POM-C BAR STOCK, ASTM D6778POM 0211 (WHITE)
3. INSPECT IAW DA169-05 FRANGIBLE WASHER TEST PLAN. AQL SAMPLE SIZE TO BE DEFINED BY QUALITY. BREAK STRENGTH AVERAGE TO BE WITHIN 5% OF NOMINAL
4. NOMINAL BREAKING STRENGTH: 92.0 LBF
5. NOMINAL BREAKING STRENGTH: TBD
6. NOMINAL BREAKING STRENGTH: TBD
7. NOMINAL BREAKING STRENGTH: TBD

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
		MM-DD-YY	J. GARDINER




1 654.4010



PROTOTYPE REVISIONS							
ZONE	REV.	DESCRIPTION	DATE	APPROVED	EFFECTIVITY	REASON CODE	REVISOR
-	PR1	INITIAL PROTOTYPE RELEASE	02-28-20	J. GARDINER	-	-	R. TAKAHASHI
ALL	PR2	ALL WASHERS CHANGED	07-08-21	P. BRAVO			T. CROSS
S1:A1 S1:D7 S5 S6	PR3	UPDATED NOTES UPDATED BOM ADDED .4015, .4016	11-09-21	P. BRAVO	CURRENT ORDER	MDI	NICK R.
S1:D7 S7 S8	PR4	UPDATED BOM ADDED .4017, .4018	11-17-21	P. BRAVO for T.C.	CURRREN ORDER	MDI	NICK R.

8	646.4018	WASHER .530 X .048 TAPER GROOVE	1	
7	646.4017	WASHER .530 X .053 TAPER GROOVE	1	
6	654.4016	WASHER .535 X .049 GROOVE	1	
5	654.4015	WASHER .530 X .053 GROOVE	1	4
4	654.4013	OCTA WASHER DIA .466	2	7
3	654.4012	OCTA WASHER DIA .461	2	6
2	654.4011	OCTA WASHER DIA .456	2	5
1	654.4010	WASHER .508 X .038 GROOVE	1	4
F/N	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST		
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 21.08.10	 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
652.9300		DRAWN BY CM		
652.9200		CHECKER T. CROSS	AW189 FRANGIBLE WASHER	
		DRAWING APPROVAL P. BRAVO 21.11.17		
		CONTRACT No.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	
SIZE	CAGE CODE	DWG. NO.	REV.	
B	07MZ6	654.4000	PR4	
SCALE NONE			SHEET 1 OF 8	

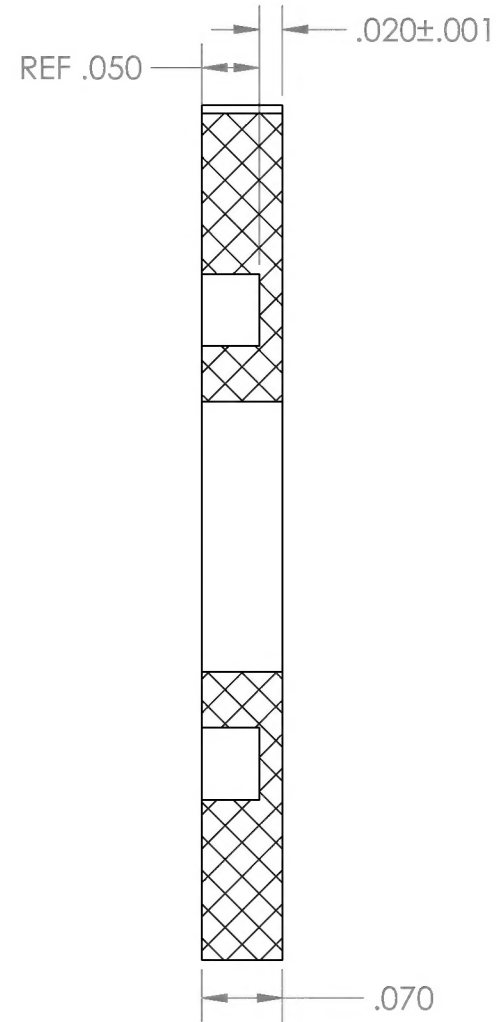
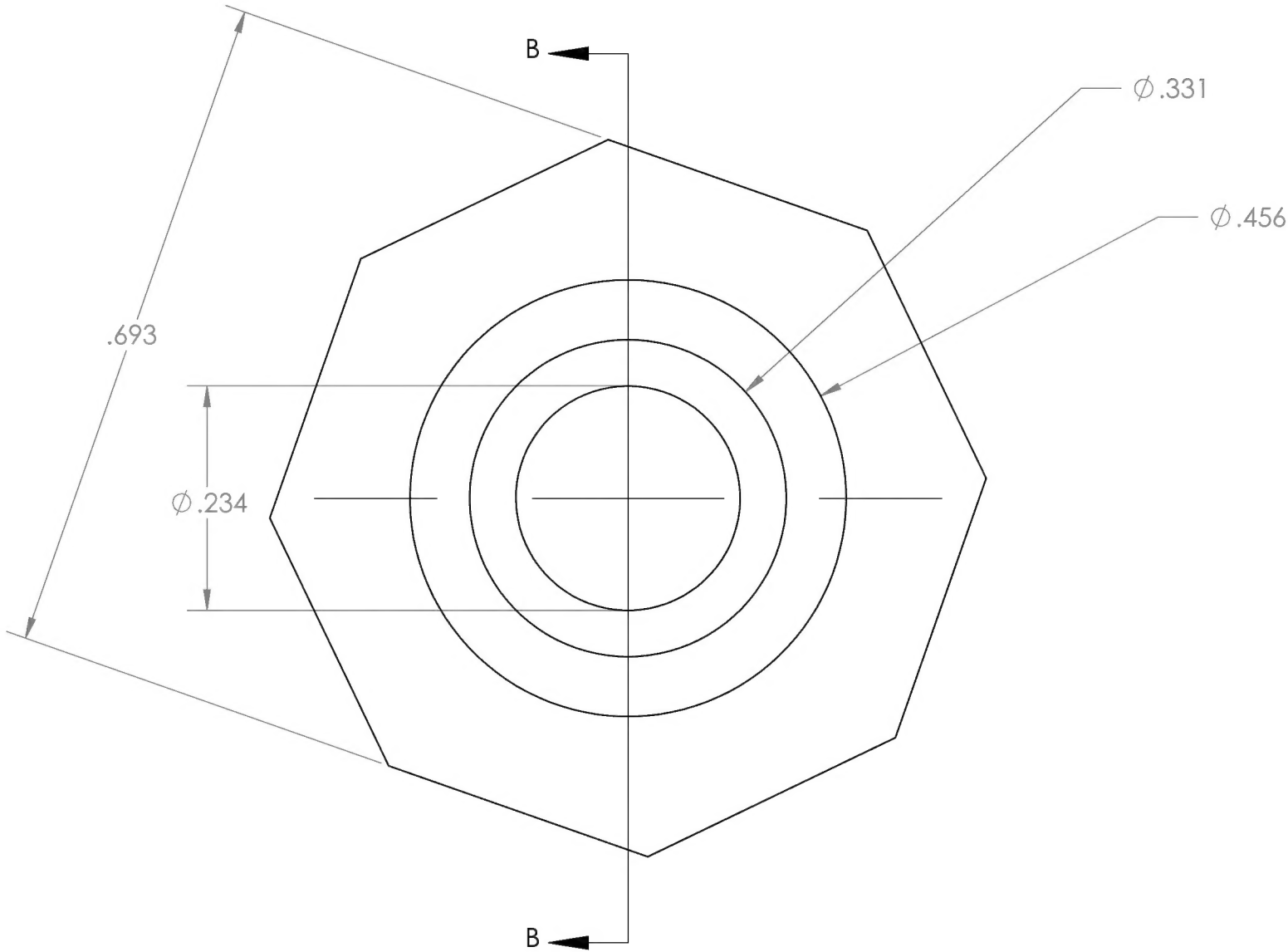
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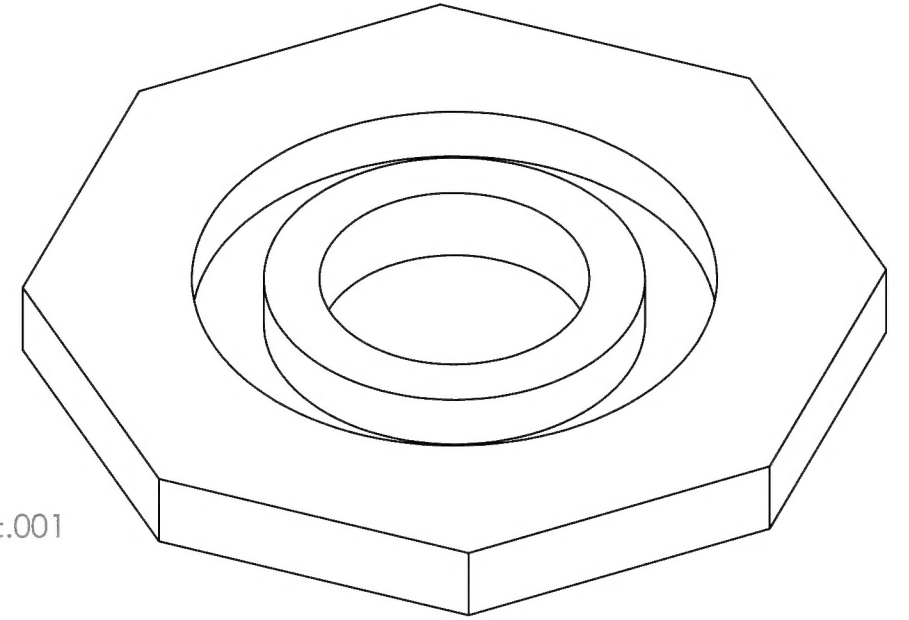
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SECTION B-B



2 654.4011

ORIGINAL DATE (MO-DA-YR) 21.08.10		 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY CM	CHECKER T. CROSS				
DRAWING APPROVAL P. BRAVO 21.11.17		AW189 FRANGIBLE WASHER			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.4000	REV. PR4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE NONE		SHEET 2 OF 8	

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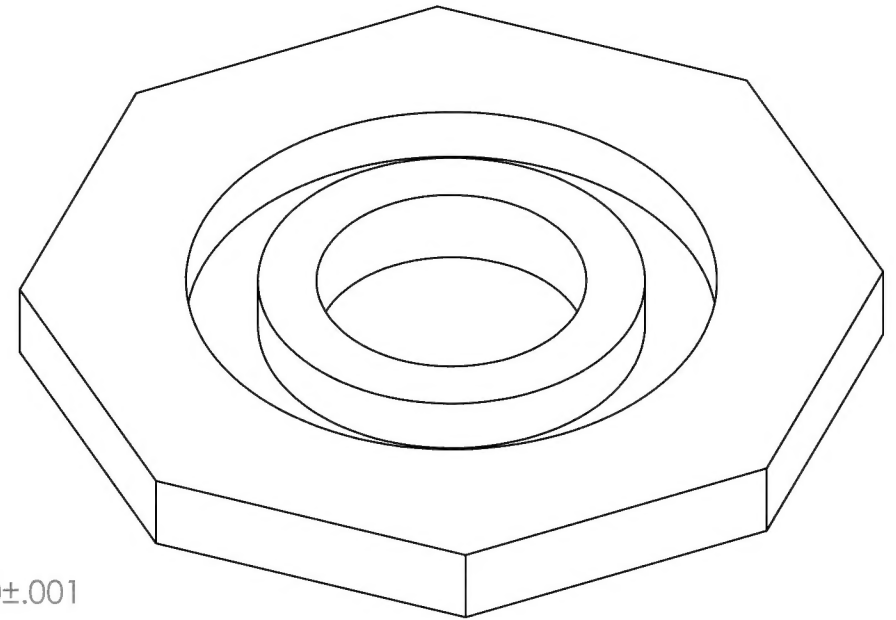
C

REF .050

.020±.001

.070

SECTION C-C



3 654.4012

ORIGINAL DATE (MO-DA-YR) 21.08.10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY CM	CHECKER T. CROSS		
DRAWING APPROVAL P. BRAVO 21.11.17		AW189 FRANGIBLE WASHER	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B 07MZ6	REV. PR4
		DWG. NO. 654.4000	SHEET 3 OF 8
SCALE NONE			

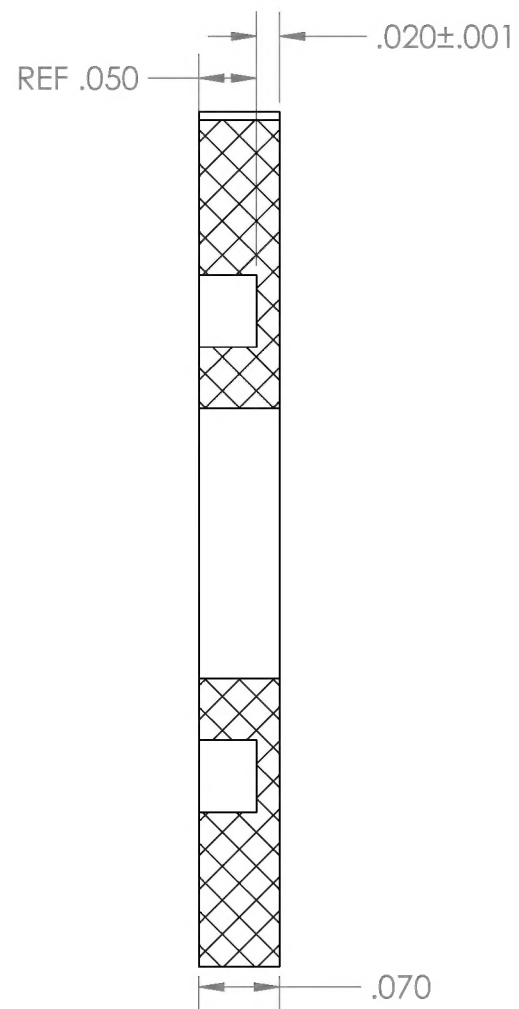
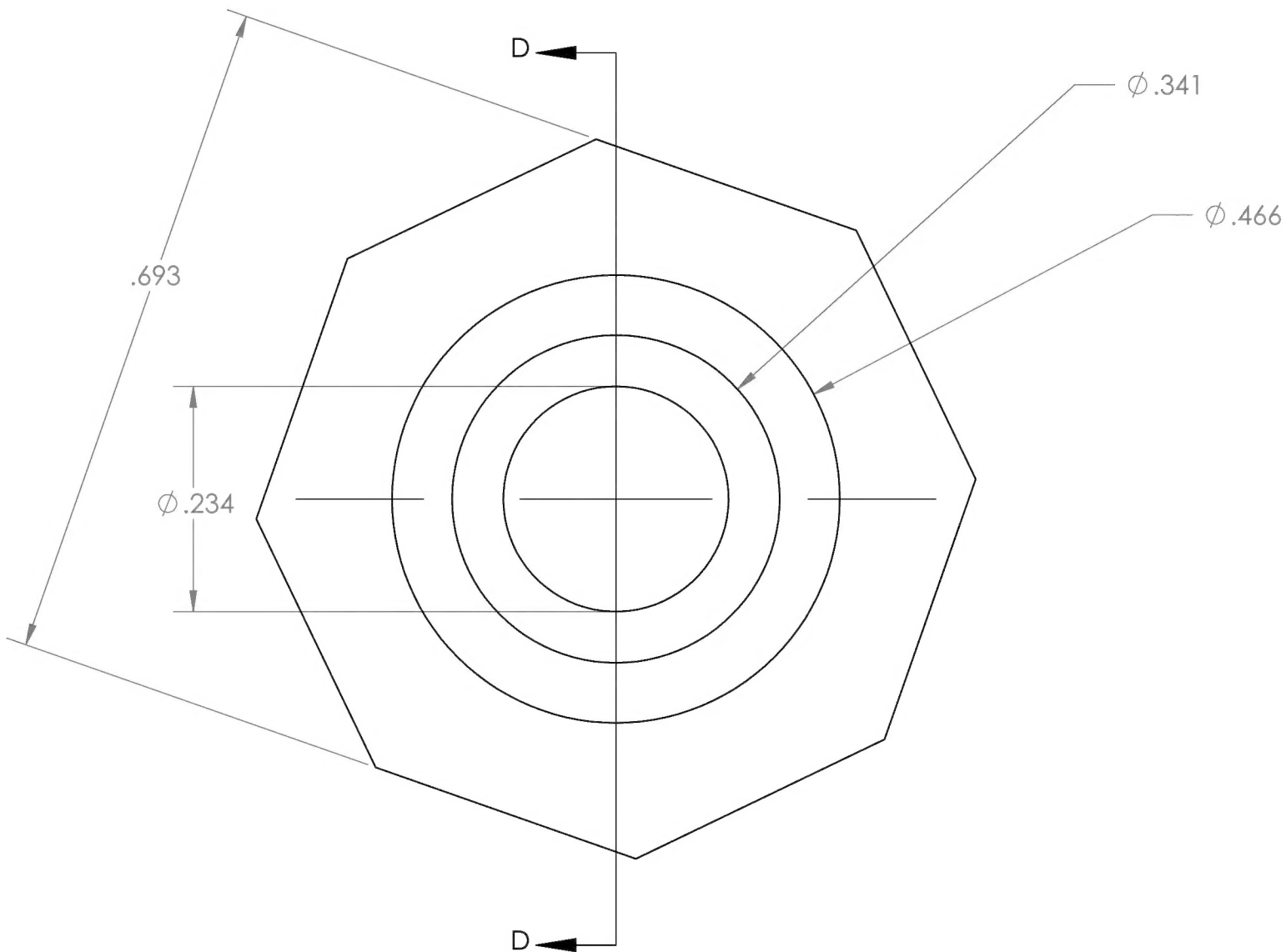
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A

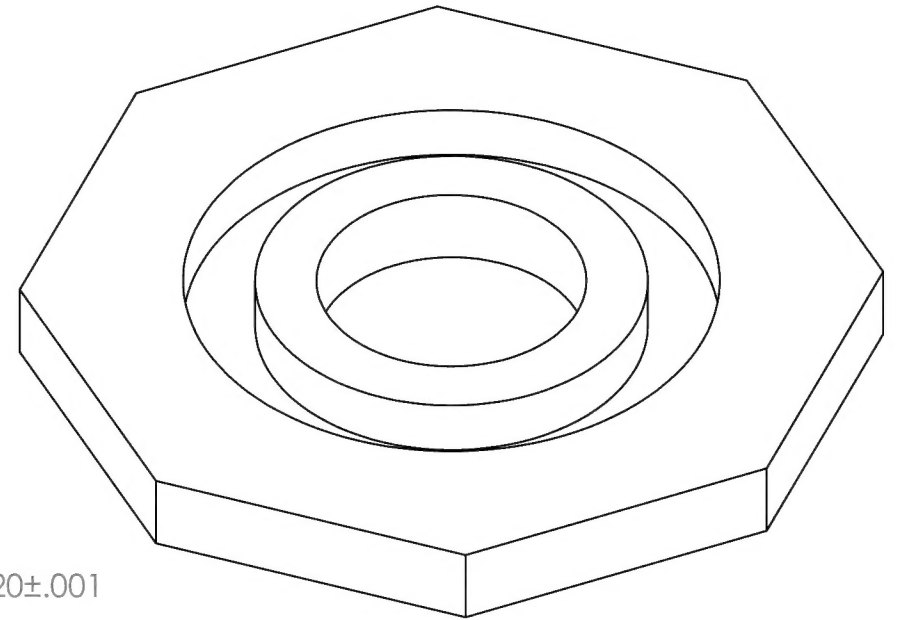
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SECTION D-D



4 654.4013

ORIGINAL DATE (MO-DA-YR) 21.08.10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY CM	CHECKER T. CROSS		
DRAWING APPROVAL P. BRAVO 21.11.17		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 FRANGIBLE WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV. PR4
		SCALE NONE	SHEET 4 OF 8

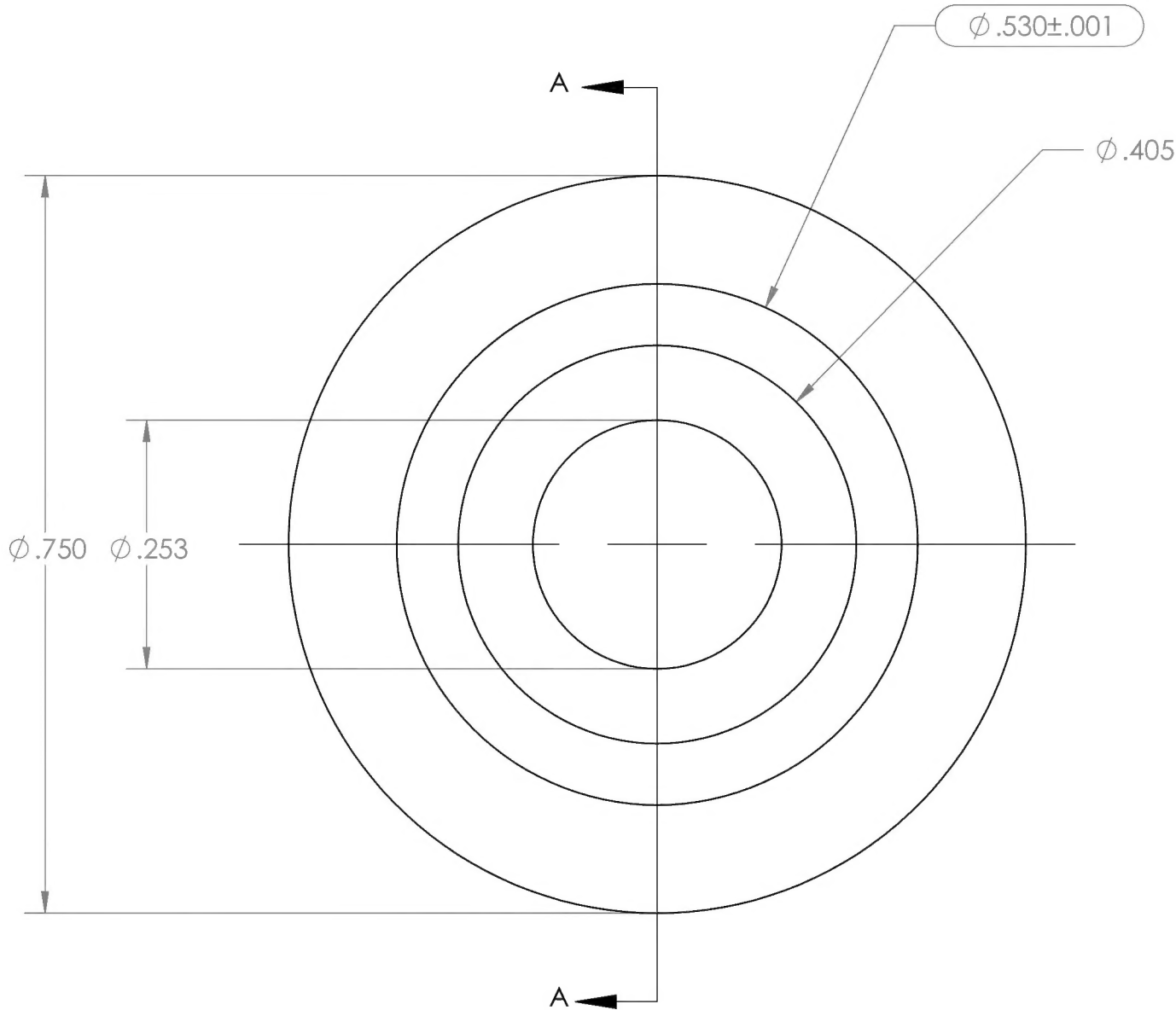
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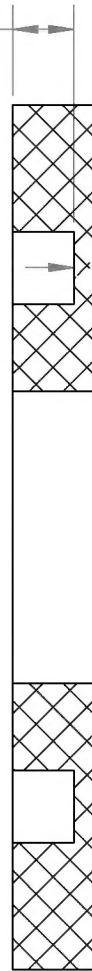
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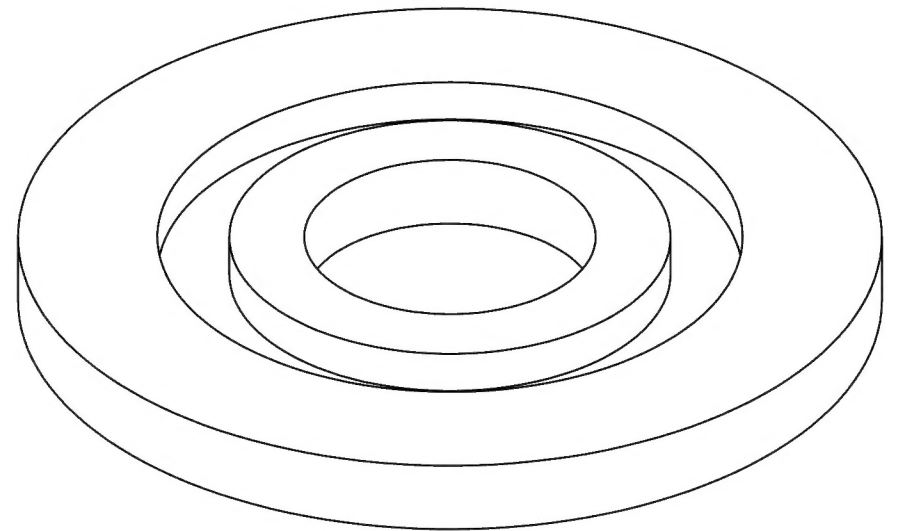
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SECTION A-A



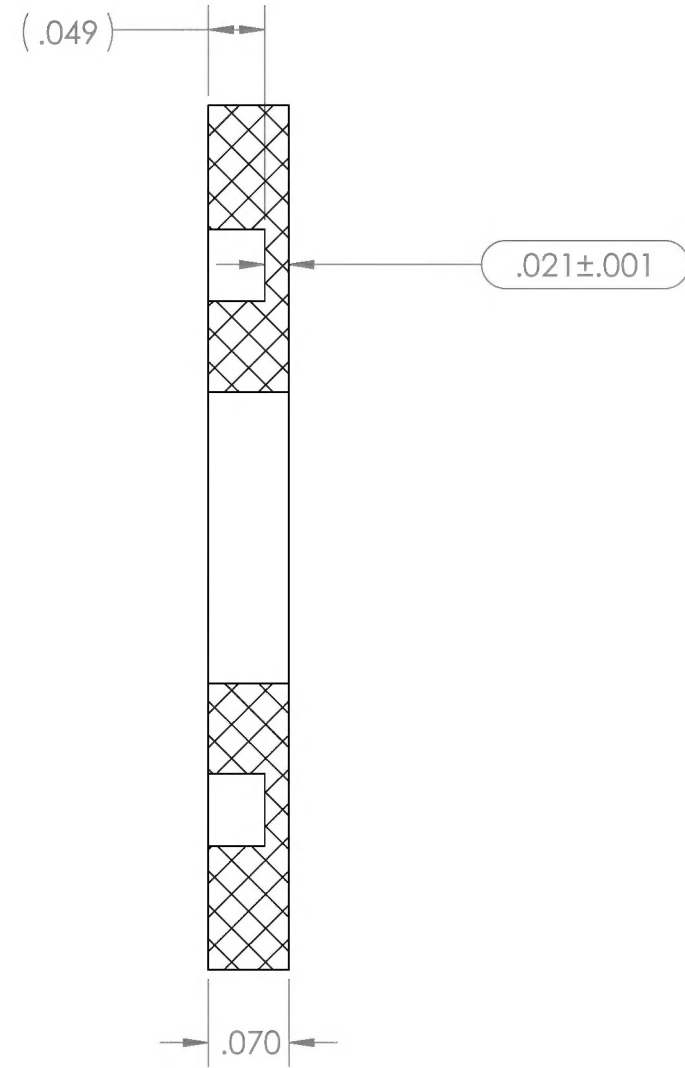
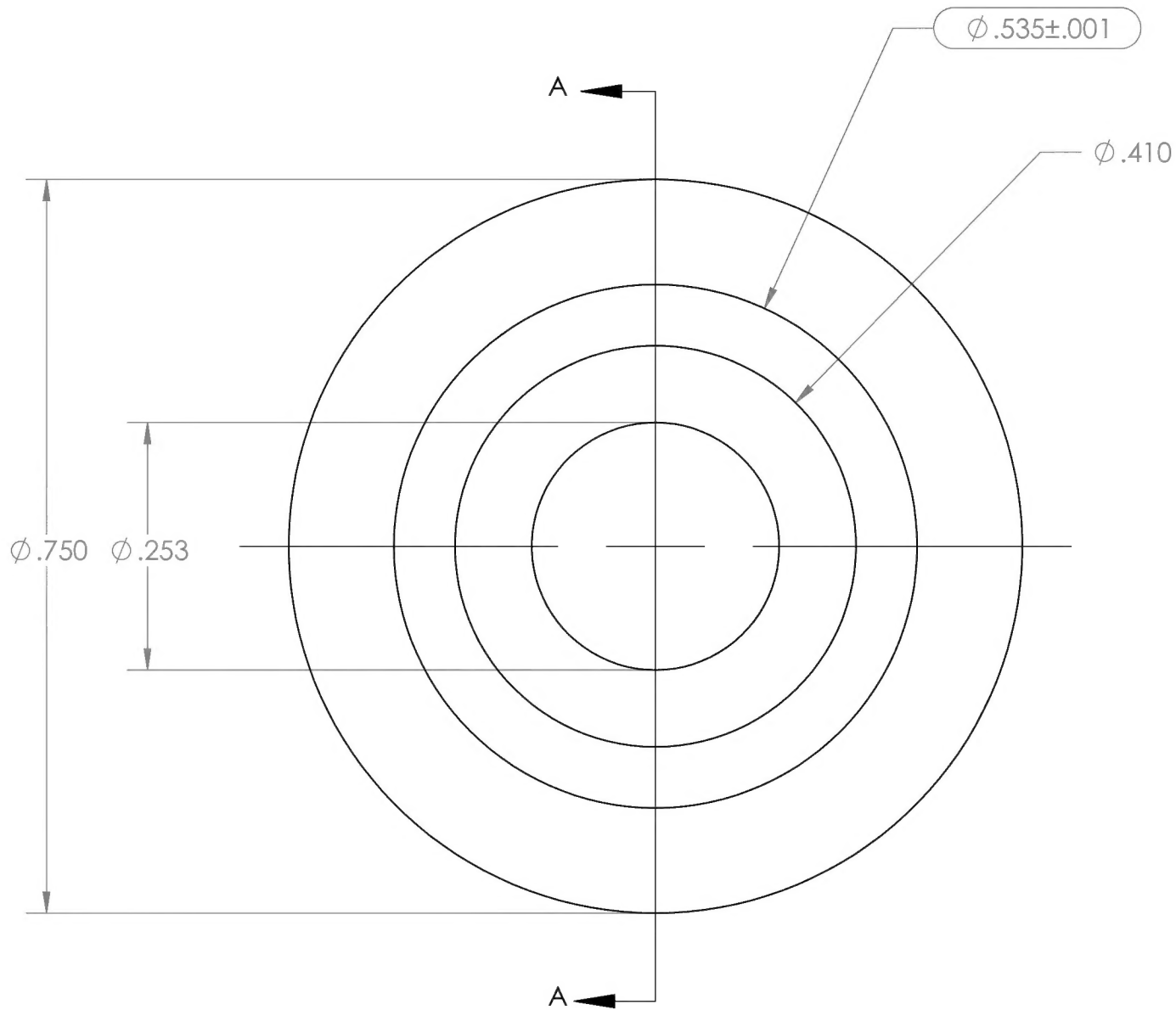
5 654.4015

ORIGINAL DATE (MO-DA-YR) 21.08.10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY CM	CHECKER T. CROSS		
DRAWING APPROVAL P. BRAVO 21.11.17		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 FRANGIBLE WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV. PR4
		DWG. NO. 654.4000	
SCALE NONE		SHEET 5 OF 8	

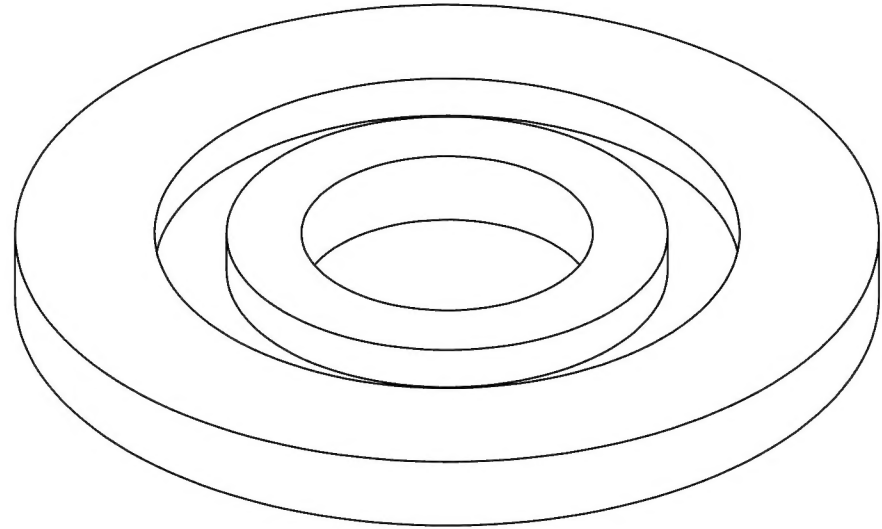


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SECTION A-A

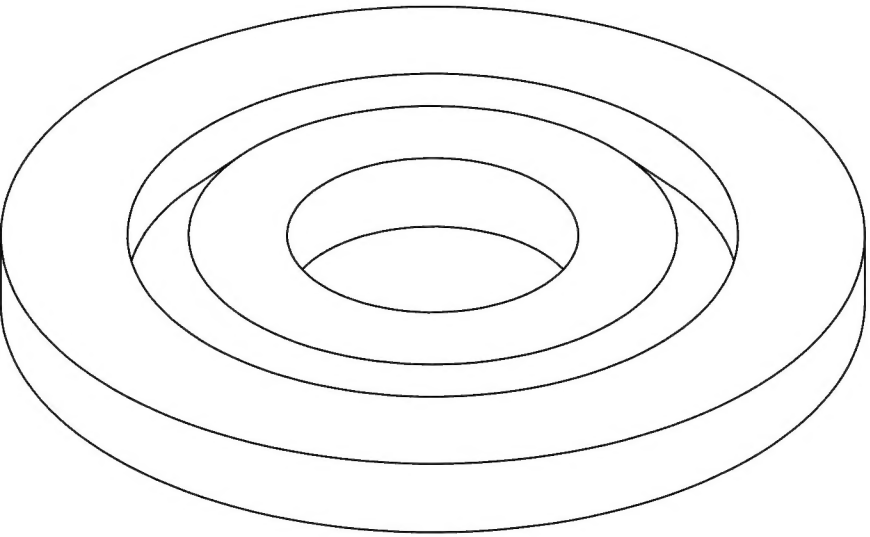
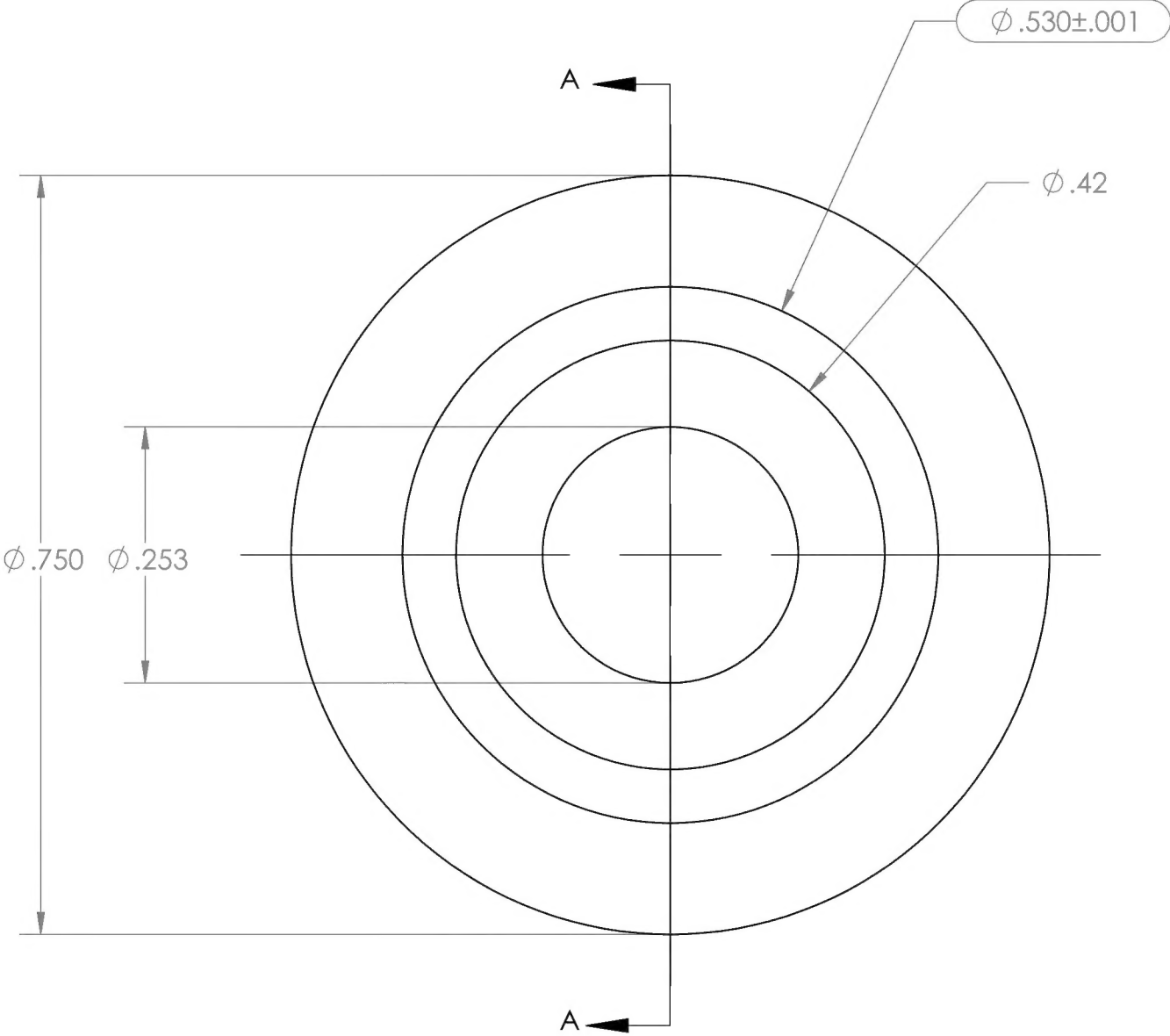


6 654.4016

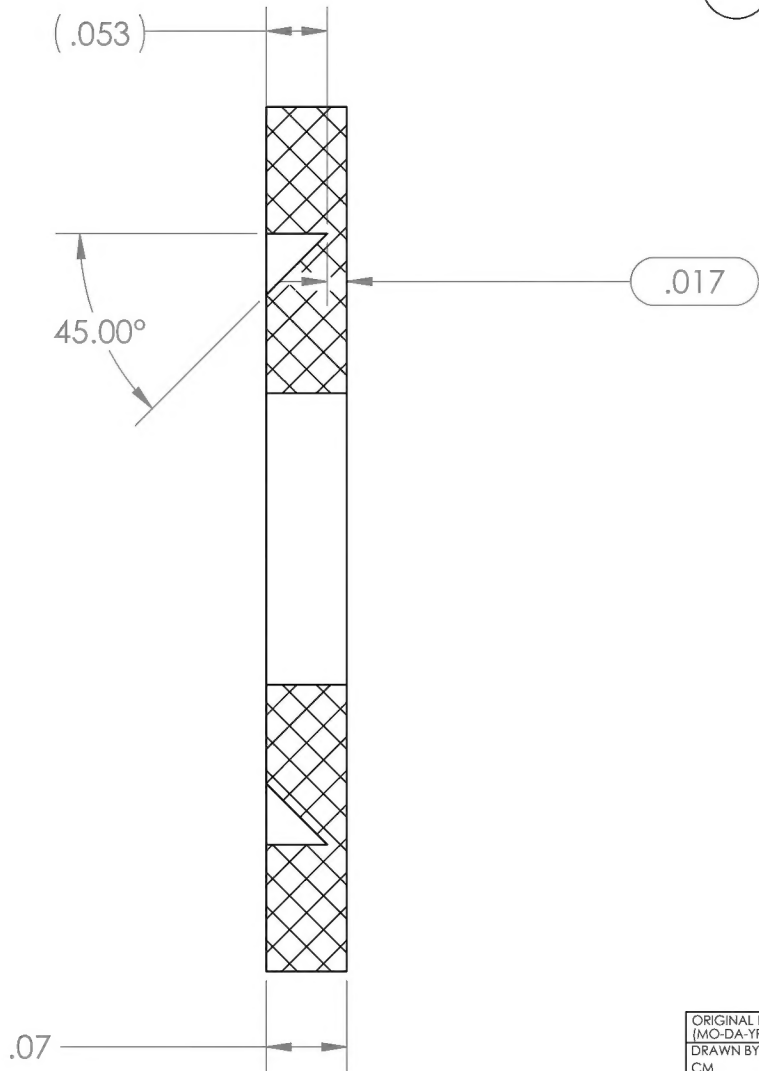
ORIGINAL DATE (MO-DA-YR) 21.08.10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY CM	CHECKER T. CROSS		
DRAWING APPROVAL P. BRAVO 21.11.17		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 FRANGIBLE WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV. PR4
		DWG. NO. 654.4000	
		SCALE NONE	SHEET 6 OF 8

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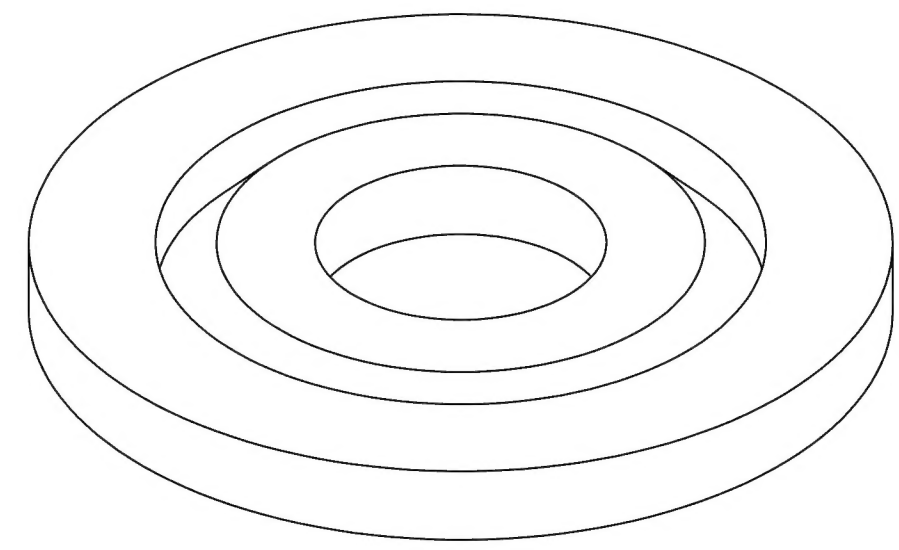
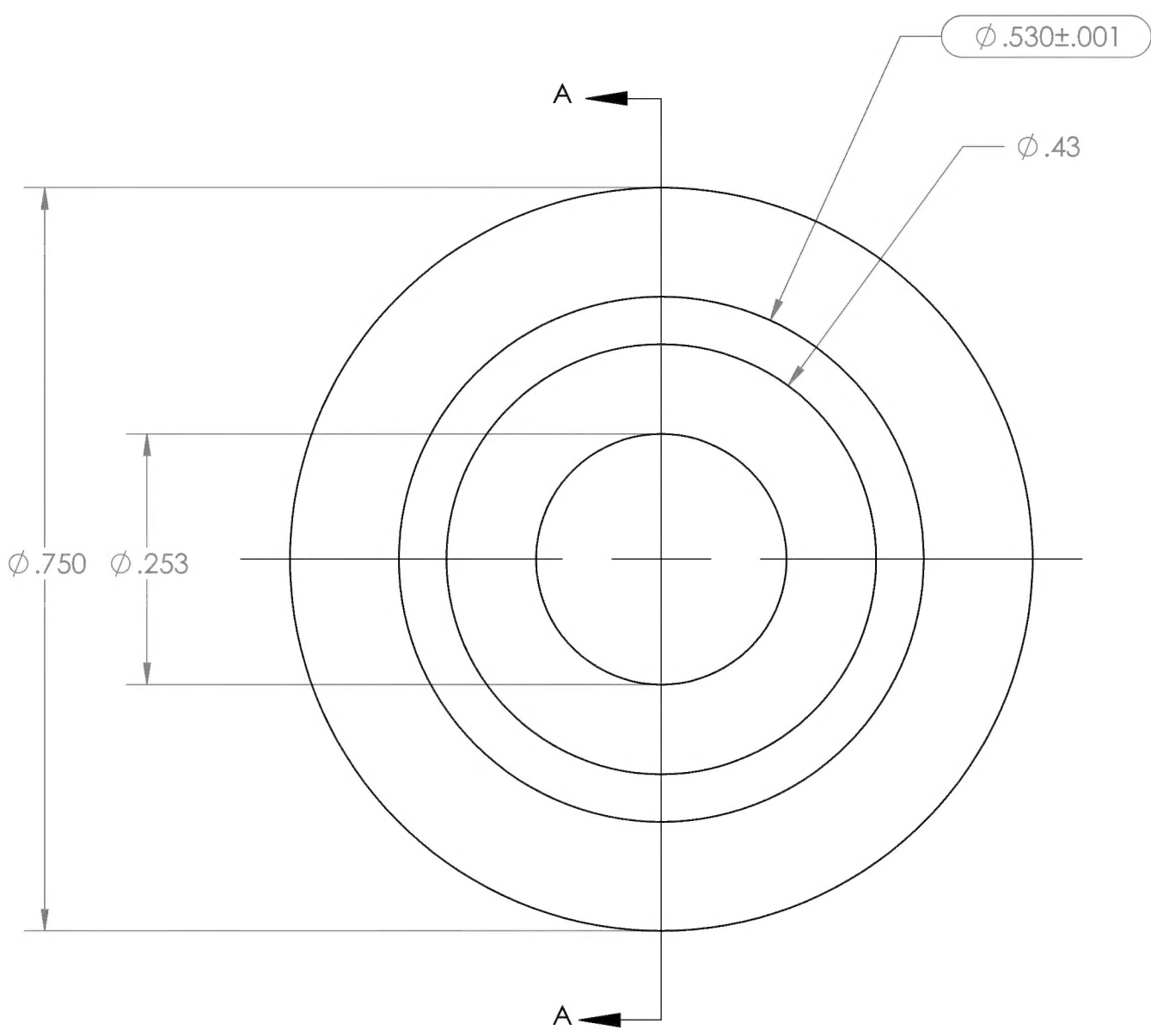


SECTION A-A

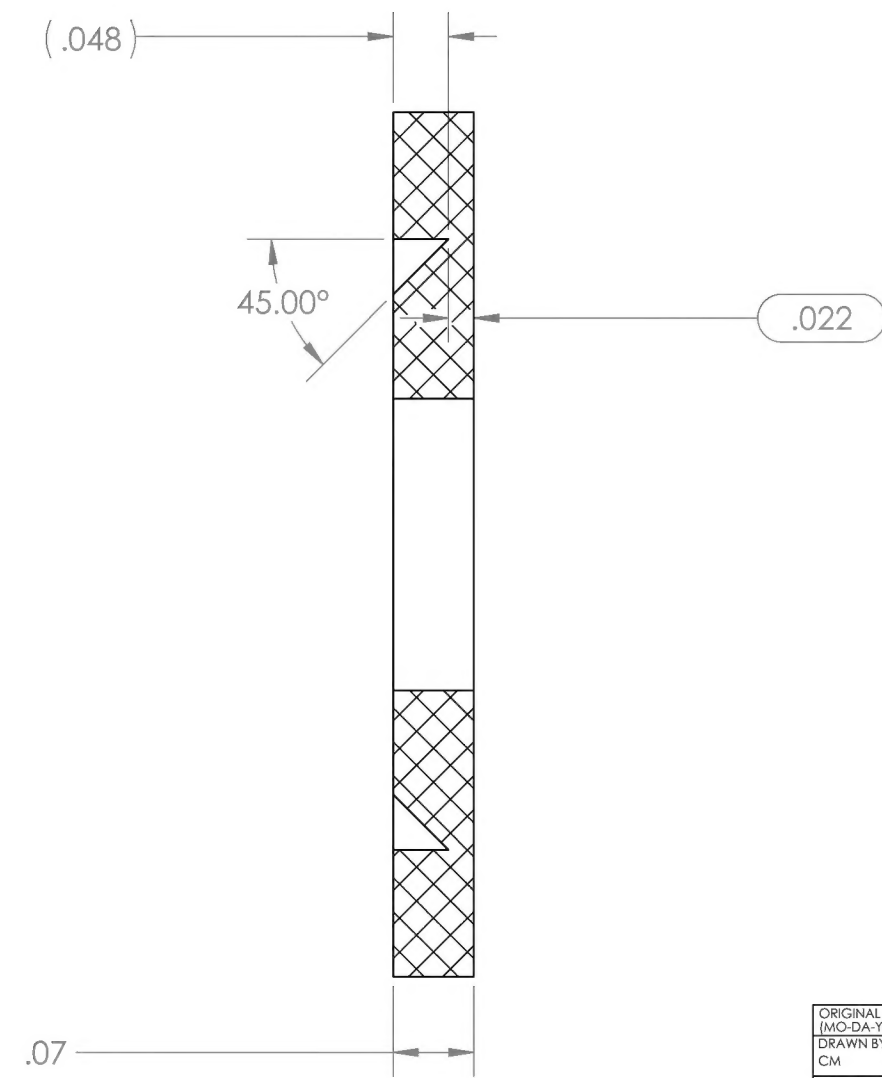
ORIGINAL DATE (MO-DA-YR) 21.08.10		 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY CM	CHECKER T. CROSS				
DRAWING APPROVAL P. BRAVO 21.11.17		AW189 FRANGIBLE WASHER			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.4000	REV. PR4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SCALE NONE		SHEET 7 OF 8	

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SECTION A-A

ORIGINAL DATE (MO-DA-YR) 21.08.10		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWN BY CM	CHECKER T. CROSS		
DRAWING APPROVAL P. BRAVO 21.11.17			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
AW189 FRANGIBLE WASHER			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.4000	REV. PR4
SCALE NONE			SHEET 8 OF 8